

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2019 TO 2024**

<b>PROJECT #</b>	<b>SSC0840000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	RECLAIMED WATER (PURPLE PIPE) OPPORTUNITY FUND		
<b>PROJECT LOCATION</b>	City-wide for business and industrial	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	Modified Project

DESCRIPTION/JUSTIFICATION			
<p>A “placeholder” to prepare for the potential opportunity to coordinate with King County Dept. of Water, Land, Resources and Parks Dept. to install a permanent regional reclaimed water service conveyance system within Kirkland. Included is support towards potential pump/lift and booster pump stations, along with taps to access the main conveyance for temporary and/or permanent service conveyance systems for city and business community applications. These application could include general/light industrial private businesses, and other institutions (health and academic). A study underway in 2015 will evaluate potential reclaimed water use by both existing businesses and institutions and prospective reclaimed water use for future businesses based on the City’s development and sustainability plans. Possible uses include potential ongoing drought relief uses, standard irrigation, and industrial cooling water, manufacturing processes, auto dealership water uses, toilet flushing, environmental enhancements (i.e., wetlands and construction improvement projects) and irrigation.</p>			

REASON FOR MODIFICATION (WHERE APPLICABLE)	
Total project costs changed from \$5,000,000 to \$5,252,000 based on a one-time escalation of 5% in 2018 to reflect current regional construction inflation.	

POLICY BASIS	METHOD OF FINANCING (%)	
Sewer Comprehensive Plan	Current Revenue	0 %
	Reserve	0 %
	Grants	0 %
	Other Sources	0 %
	Debt	0 %
	Unfunded	100 %

CAPITAL COSTS	COSTS TO BE FUNDED
Planning/Design/Engineering	840,000
In-House Professional Svcs.	466,000
Land Acquisition	0
Construction	3,946,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	5,252,000
<b>NEW MAINT. AND OPER.</b>	0
<b>NEW FTE</b>	0.00

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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction traffic control will be required. Noise and congestion should be anticipated by residents and motorists in the area.</i>
Community economic impacts	<i>Public facility upgrades allow continued development as called for in the City's comprehensive plan.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Public facility upgrades allow continued development as called for in the City's comprehensive plan.</i>
Responds to an urgent need or opportunity	<i>A future opportunity for available reclaimed water as a sustainable alternative water source.</i>
Feasibility, including public support and project readiness	<i>This type of project is an element of the City Council-adopted Sanitary Sewer Comprehensive Plan.</i>
Conforms to legal or contractual obligations	N/A
Responds to state and/or federal mandate	N/A
Benefits to other capital projects	<i>Serves to reduce certain demands on the potable water supply.</i>
Implications of deferring the project	<i>A lost opportunity for an available resource.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	<p>Name of Neighborhood(s) in which located: <i>City-wide</i></p> <p>Is there a specific reference to this project or land use in the immediate</p> <p>How does the project conform to such references?</p> <p>Attachments <input type="checkbox"/> (Specify)</p>
<b>LEVEL OF SERVICE IMPACT</b>	<p><input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation).</p> <p><input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: To be determined</p> <p><input type="checkbox"/> Project assists in meeting/maintaining adopted level of service.</p> <p><input type="checkbox"/> Project required to meet concurrency standards.</p>